

Figure 27

**BSPL E.coli kill curves in various dilutions of concentrated platelets exposed to various levels of BSPL @ 5mm sample depth using multiple fluence/flash levels**

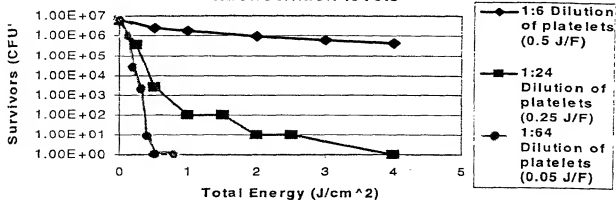
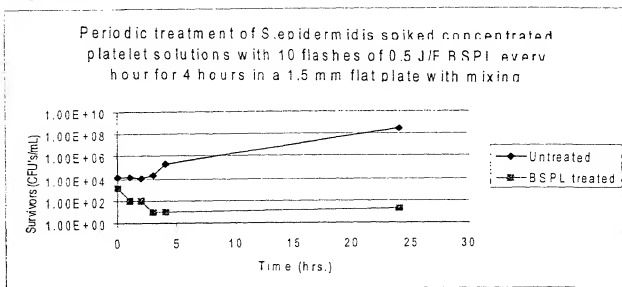
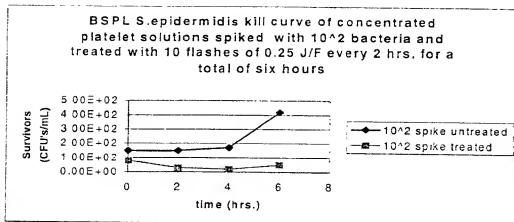


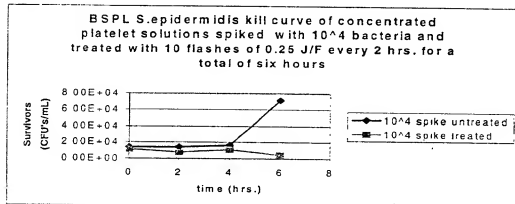
Figure 28



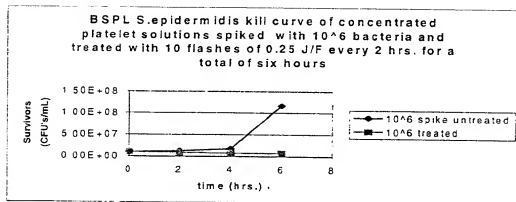
10  
3  
Figure 29a



10  
3  
Figure 29b



10  
3  
Figure 29c



44  
Figure 30

200001122001

% Aggregation: BSPL treatment of platelet rich plasma (1/10 dilution)

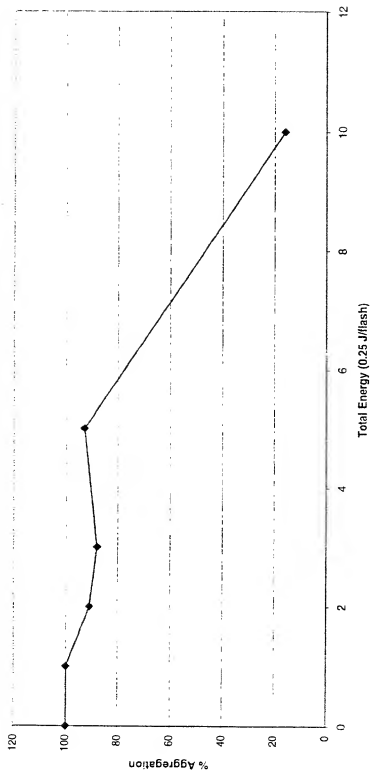
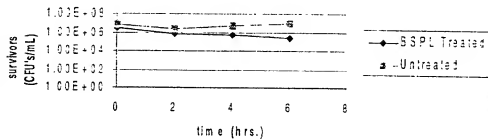


Figure 32a

Periodic BSPL treatment of platelet rich plasma  
spiked with *S. epidermidis* is treated with 5 J of  
energy (10 flashes @ 0.5 J/F) every 2 hrs. for 6 hrs  
survivors/mL vs. time of treatment



6  
13  
Figure 33a

In-flow (1mm sample depth @ 50mL/min) BSPL  
treatment of platelet rich plasma spiked with  
S.epidermidis using 0.25 J/F BSPL 0-2.0 J/cm<sup>2</sup>  
total energy- survivors vs. total energy

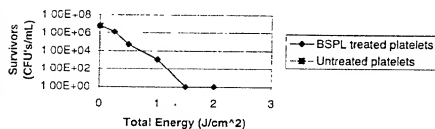


Figure 14

ML-2 Relative platelet aggregation vs. total energy BSPL in platelet rich plasma diluted 1:10 with PAS III

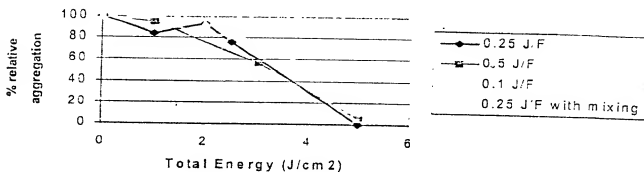


Figure 15

BSPL treatment of platelet rich plasma after a 1:10 dilution with PAS III and reconstitution with fetal bovine serum % aggregation after addition of collagen vs. total energy of treatment

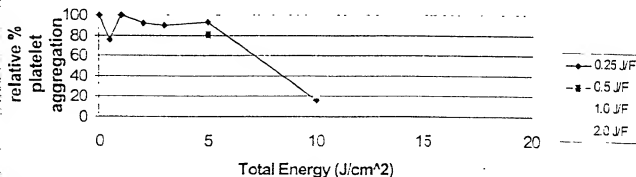


Figure 16<sup>9</sup>

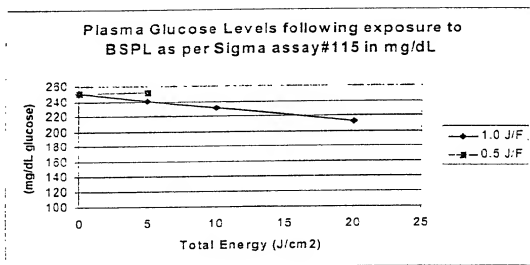


Figure 17<sup>10</sup>

